

Coastal Observation Technology System Project Summary – 2004

Project Name/Title: Central and Northern California Ocean Observing System (CeNCOOS): Leadership in Coordination of Ocean Observing

Date Project Initiated: October 1, 2003

Recipient Institution: Monterey Bay Aquarium Research Institution (MBARI)

Primary Contact:

Stephanie Watson
MBARI
7700 Sandholdt Road
Moss Landing, CA 95039-9644
Phone: (831) 775-1987
Fax: (831) 775-1620
E-mail: swatson@mbari.org

Project Web Site: www.cencoos.org

Brief Project Summary: The Monterey Bay Aquarium Research Institute received, on behalf of the Monterey Bay Crescent Ocean Research Consortium (MBCORC) and proposal partners, \$100,000 for the first year to initiate and support focused regional coordination of ocean observing activities in central and northern California. This effort, the Central and Northern California Ocean Observing System (CeNCOOS), will strategically enhance the organization, implementation, and application of existing and planned regional coastal observing system efforts along the California coast. In addition to the membership of MBCORC, the CeNCOOS partners extend north to Arcata and south to San Luis Obispo, across 625 miles of California coastline. The CeNCOOS effort will also initiate interaction and coordination with other coastal observing efforts (e.g., the Southern California Coastal Ocean Observing System and the Northwest Association of Networked Ocean Observing Systems). Our coordinating effort is designed to be multiyear but with the understanding that, at this time, only the first year of funding was made available.

Accomplishments to Date:

- Hired a full-time coordinator.
- Established an interim Executive Committee.
- Began to expand stakeholder base through site visits, presentations, and participation in meetings.
- Established committees on governance, end users, science, and data management.
- Designed and populated a geodatabase to track observing activities in the region and to plan for their coordination.
- Prepared the first iteration of a summary paper on observing systems in the region.
- Prepared a proposal to the State of California to initiate a Coastal Ocean Currents Monitoring Program (including high-frequency radar, associated technologies, and models) in central and northern California.

- Participated in Ocean.US teleconferences and meetings, as well as the meetings of neighboring Regional Associations and the Organizing Committee of the National Federation of Regional Associations.
- Responded to Ocean.US request for a status report and priorities through 2011.
- Identified three possible governance models for our Regional Association.
- Designed and published the Web page, www.cencoos.org.

Current Year Objectives:

- Prepare a summary paper on observing systems in the region.
- Meet with stakeholders in the region.
- Establish subcommittees to address important aspects, such as technology and operations, data management, science, end users, etc.
- Discuss with Ocean.US how the CeNCOOS regional system can best connect with the national backbone.
- Produce a long-term organizational plan for CeNCOOS, including the identification of a governance model.
- Prepare an integrated CeNCOOS strategic plan for many observing efforts planned and under way.

Partners:

Please see map below.

CeNCOOS Partners (Draft) 5/18/2004

1. Bodega Marine Laboratory UCD
2. CA DFG Marine Pollution Studies Center
3. CA DFG Marine Region Headquarters
4. CA DFG Marine Wildlife Veterinary Care; Research Center
5. California Polytechnic State University San Luis Obispo
6. Cordell Bank National Marine Sanctuary
7. CSUMB Earth System Science and Policy Institute
8. Elkhorn Slough National Estuarine Research Reserve
9. Fleet Numerical Meteorology and Oceanography Center
10. Gulf of Farallones National Marine Sanctuary
11. Hopkins Marine Station of Stanford
12. Humboldt State University
13. Marine Advanced Technology Education Center at Monterey Peninsula College
14. Marine Pollution Studies Laboratory
15. Marine Protected Areas Center Science Institute
16. Monterey Bay Aquarium
17. Monterey Bay Aquarium Research Institute
18. Monterey Bay National Marine Sanctuary
19. Monterey Institute of International Studies
20. Moss Landing Marine Laboratories
21. National Marine Fisheries Service Santa Cruz Labs
22. National Weather Service (Eureka)
23. National Weather Service (Monterey)
24. Naval Postgraduate School
25. Naval Research Laboratory; Marine Meteorology Division
26. NOAA Coastwatch West Coast
27. Pacific Fisheries Environmental Laboratory
28. Port of Humboldt Bay
29. San Francisco Bay National Estuarine Research Reserve
30. San Francisco State University Romberg Tiburon Center
31. U.S. Army Corps of Engineers
32. University of California Berkeley
33. University of California Monterey Bay Education, Science, and Tech. Center
34. University of California Santa Cruz Institute of Marine Sciences/Long Marine Lab
35. University of California Sea Grant Extension Program
36. University of California Sea Grant Extension Program
37. University of California Sea Grant Extension Program
38. University of California Sea Grant Extension Program
39. University of California Sea Grant Extension Program
40. University of California Sea Grant Extension Program
41. USGS Coastal and Marine Geology Program

